Threads Overview Solutions

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Thread creation

- Write a program which starts a new thread. The thread prints out "Hello, Thread!"

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The join() member function

- What happens when join() is called on a thread object?
  - The parent thread stops and waits for the associated thread to complete its execution
  - The thread object is no longer associated with the execution thread and can safely be destroyed
- What other member function can be called instead of join()?
  - detach()
- What effect does this function have?
  - The parent thread does not wait for the associated thread to complete its execution
  - The thread object is no longer associated with the execution thread and can safely be destroyed

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Task function with arguments

- Rewrite your program so that the output string is passed to the thread
  - By value (or by move)
  - By reference

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